



- FOUNDATIONS, PAVING, UTILITIES, ETC.... TO BE REMOVED BY OWNER / CONTRACTOR PRIOR TO
- PROPOSED DEVELOPMENT.

  3. LOCATED IN FLOOD ZONE "X".
  FINISHED FLOOR TO BE BUILT A

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11	694802.7787	2911755.8419
12	694850.4075	2911854.8935
13	694849.1186	2912368.341
14	694683.8690	2912367.926
15	694685.0293	2911905.6684
16	694839.5102	2911832.2308
17	694830.6247	2911917.6682
18	694719.9742	2911927.765
19	694699.9248	2911947.340
20	694834.1942	2912338.303
21	694698.9446	2912337.964
22	694708.9195	2912347.989
23	694819.1692	2912348.265
24	694637.4191	2911962.072
25	694601.1692	2911961.9812
26	694637.0097	2912125.196
27	694600.7598	2912125.105
28	694535.7775	2912002.936
29	694535.4359	2912139.061
30	694485.1525	2912002.936
31	694484.8109	2912139.061
32	694548.8902	2911987.206
33	694509.1139	2911895.368
34	694825.1199	2911874.503
35	694753.7729	2911908.405
36	694835.1736	2911948.054

REVISIONS	E
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DIMENSIONED SITE PLAN **Best Yet Youree**Shreveport, Louisiana



ASSOCIATES, INC. Civil & Structural Engineering,

Surveying, Planning & Consulting

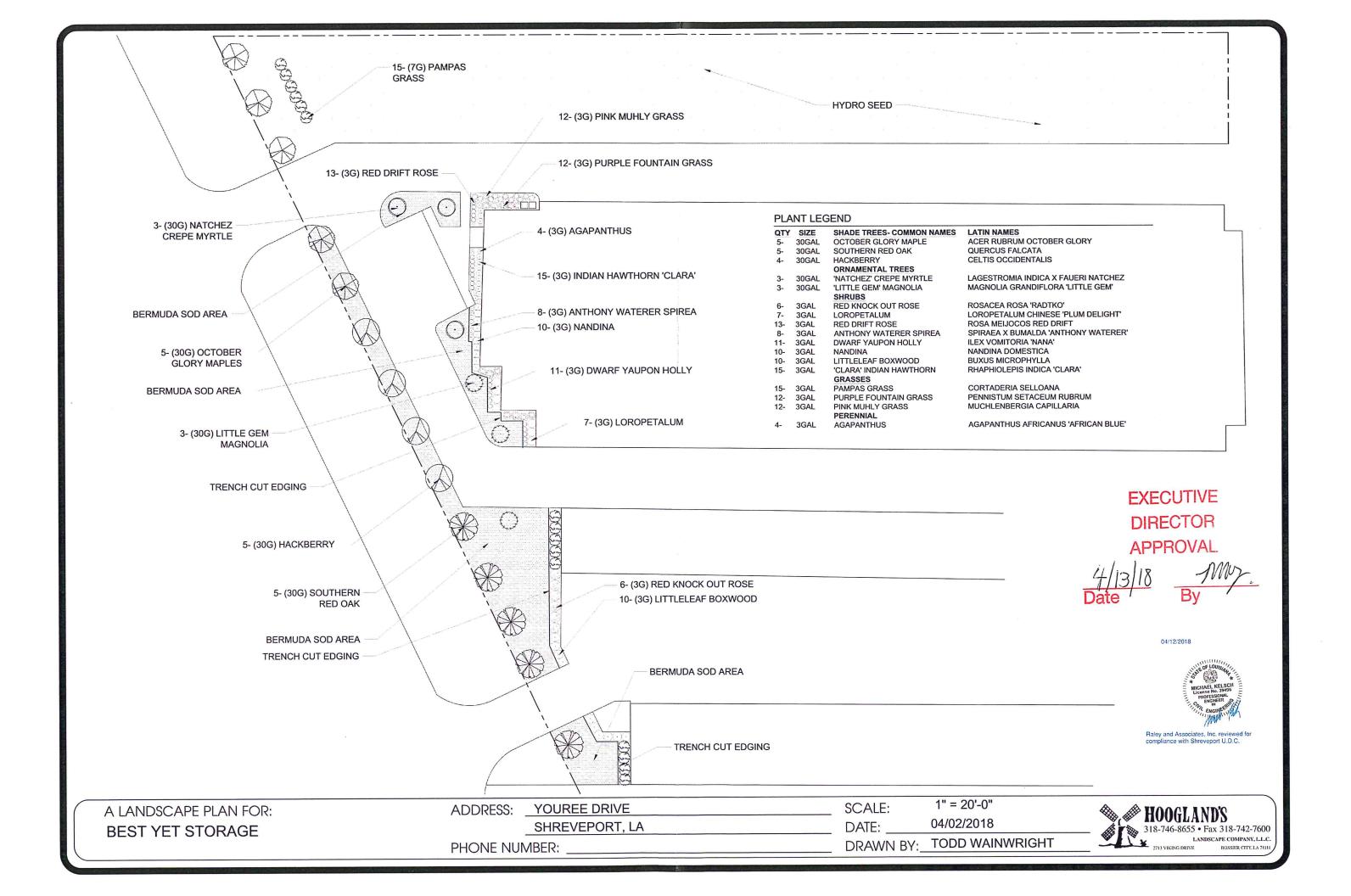
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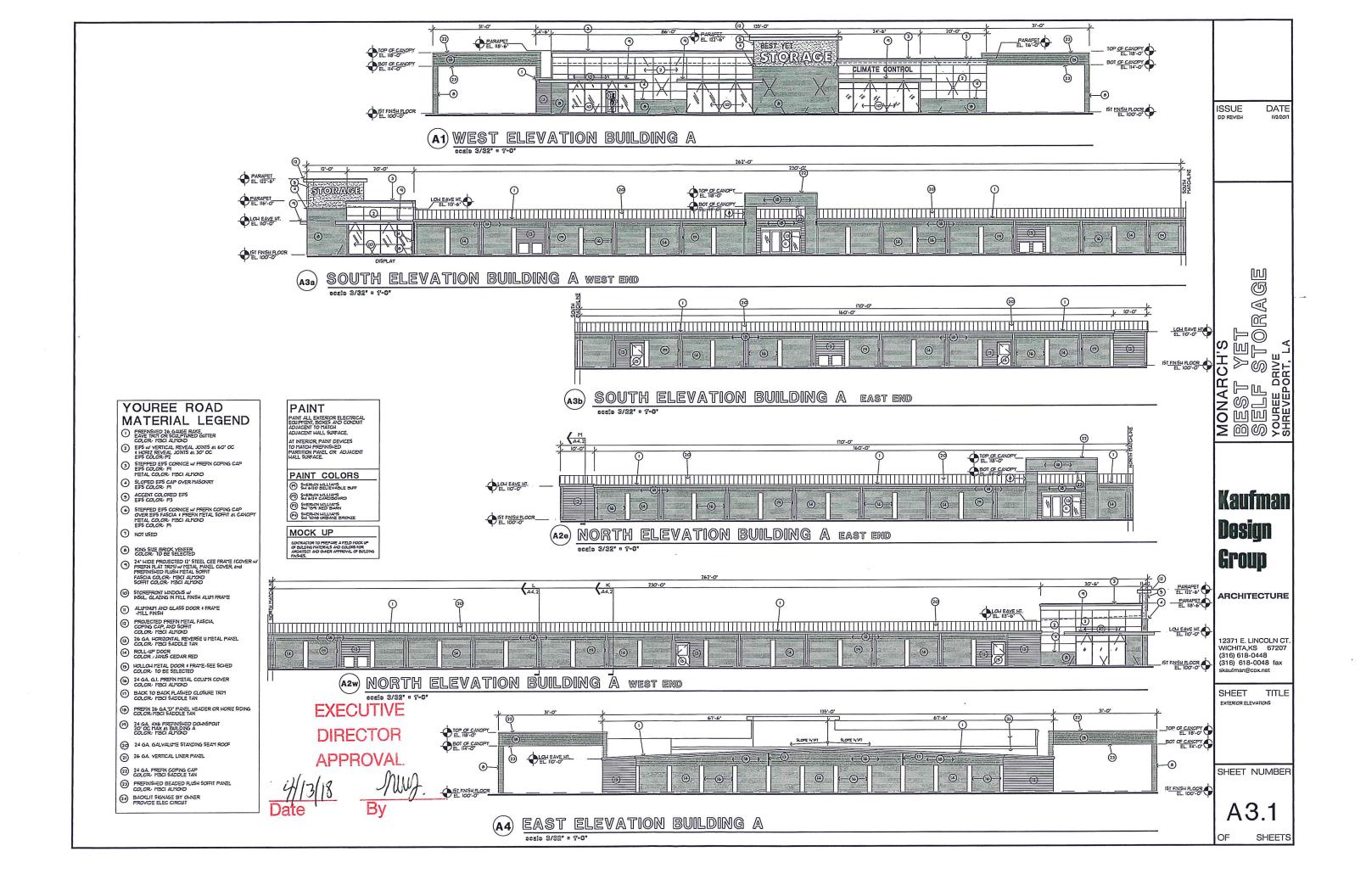
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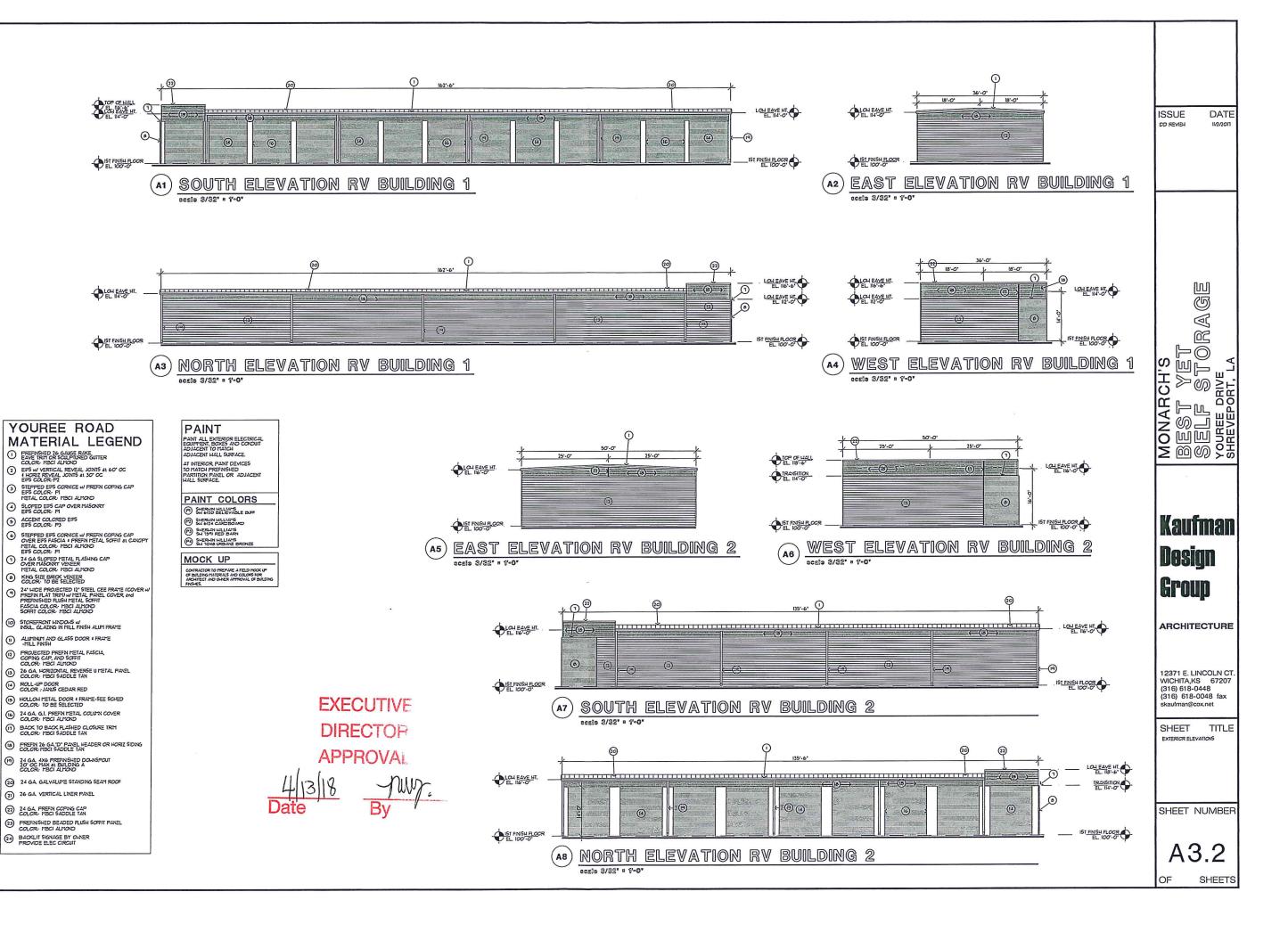
04/11/2018 MICHAEL KEISCH LIGORIE AM 1965 FROTESSCHAL EMERKER

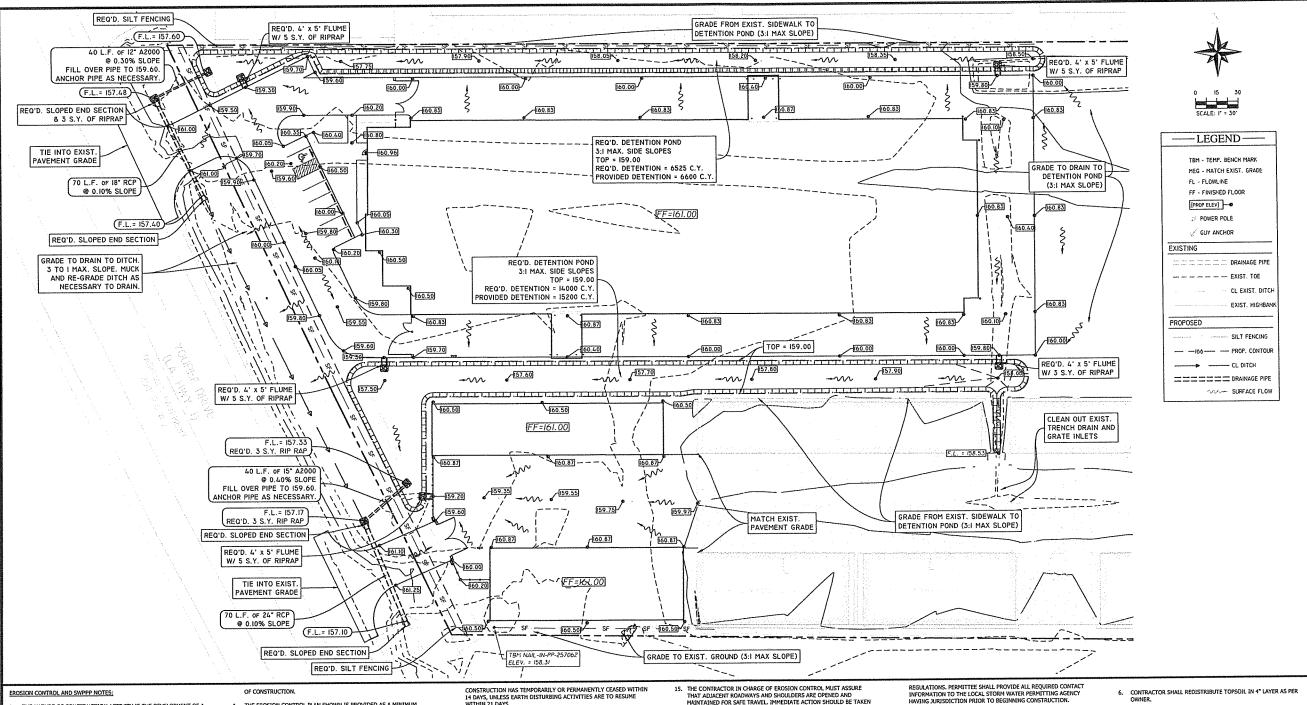
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- THE NATURE OF CONSTRUCTION ACTIVITY IS THE DEVELOPMENT OF A COMMERCIAL STORAGE SITE.
- MAJOR ACTIVITIES AND CONTRACTOR RESPONSIBLE ARE AS FOLLOWS:
- CLEARING AND DEGRASSING PAVING AND DRAINAGE
  CONTRACTOR. INSTALL SILT FENCING, HAYBALES, DETENTION BASIN
  AND OTHER NECESSARY STORM WATER CONTROLS PRIOR TO
  BEGINNING OF CLEARING AND DEGRASSING.
- WATER AND SEWER WATER AND SEWER CONTRACTOR SHALL NATE W/ PAVING CONTRACTOR TO ENSURE SILT FENCING. HAYBALES AND OTHER, ARE INSTALLED AT R/W TO PREVENT RUNOFF FROM LEAVING THE SITE.
- FYCAVATION PAVING AND DRAINAGE CONTRACTOR SHALL INSTALL Δ3. SHIT FENCING AND HAYBALES TO PREVENT RUNOFF FROM LEAVING
- STORM DRAINAGE PAVING AND DRAINAGE CONTRACTOR SHALL INSTALL SILT FENCING AND HAYBALES TO PREVENT RUNOFF FROM
- INSTALL SLI, FERCING AND PATBALES TO PREVENT NOROFF FRO LEAVING THE STEE AND DETERMINED BASINS. BUILDING CONSTRUCTION GENERAL CONTRACTOR. INSTALL NECESSARY STORN WATER CONTROLS DURING CONSTRUCTION. PAYING PAYING AND DRAINAGE CONTRACTOR. INSTALL NECESSARY STORM WATER CONTROLS DURING CONSTRUCTION. GAS, ELECTRIC, PHONE & CABLE EACH UTILITY OWNER /
- EACH CONTRACTOR LISTED ABOVE IS RESPONSIBLE FOR BEING KNOWLEDGEABLE OF THEIR LISTED ACTIVITY. AS SUCH EACH CONTRACTOR SHALL PROVUDE TO DOWNER OR OWNERS AGENT A DETAILED SCHEDULE OF CONSTRUCTION ACTIVITIES FOR THEIR PHASE

- THE EROSION CONTROL PLAN SHOWN IS PROVIDED AS A MINIMUM GUIDE TO BE SUPPLEMENTED BY EACH CONTRACTOR'S DETAILED DESCRIPTION OF CONTROL MEASURES. THE DETAIL SHEET PROVIDES SPECIFIC CONTROLS WHICH MAY BE USED BY CONTRACTORS ON THIS
- CONTROLS ARE DESIGNED TO RETAIN SEDIMENT ON SITE, ANY SEDIMENT ESCAPING THE SITE AND ACCUMULATING MUST BE REMOVED. UPON FINAL COMPLETION DETENTION BASIN SHALL BE CLEANED OF CONSTRUCTION SEDIMENTATION PRIOR TO FINAL GRADING.
- EACH CONTRACTOR SHALL PROVIDE TO OWNER OR OWNER'S AGENT A DETAILED DESCRIPTION OF "BEST MANAGEMENT PRACTICES", STRUCTURAL PRACTICES (SILT FENCES, CHECK DAMS, ETC.), AND STABILIZATION PRACTICES (FENPORARY VEGETATION, SOO, ETC.) WHICH COMPLIES WITH THE SHORT AND LONG TERM GOALS AND INTENT OF THE LOUISIANA WATER DISCHARGE PRINT FOR THEIR PHASE OF CONSTRUCTION ACTIVITIES. CONTRACTOR SHALL PROVIDE SAME INFORMATION TO THE PERMIT OFFICE.
- THE CONTRACTOR FOR EACH LISTED PHASE OF CONSTRUCTION SHALL BE RESPONSIBLE FOR MAINTAINING DATES AND RECORDS AND FORWARDING TO DEVELOPER/OWNER FOR THE FOLLOWING INFORMATION: BEGINNING CONSTRUCTION, MAJOR GRADING ACTIVITIES, SOIL DISTRIBUTING ACTIVITIES, WHEN STABILIZATION MEASURES ARE INITIATED AND COMPLETED, THEFORRARY HALTS, AND
- 8. THE CONTRACTOR IN CHARGE OF EROSION CONTROL SHALL INITIATE STABILIZATION MEASURES OF DISTURBED AREAS WHERE

- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING (REPAIR SILT FENCE, REMOVE SEDIMENT BUILDUP, ETC.) STRUCTURAL CONTROLS LAID QUI IN STORN WATER POLIUTION PREVENTION PLAN AS WELL AS ANY ADDITIONAL CONTROLS IN CONTRACTOR'S DETAILED DESCRIPTION.
- 10. THE CONTRACTOR FOR EACH LISTED PHASE OF CONSTRUCTION SHALL BE RESPONSIBLE FOR PROVIDING INSPECTIONS OF DISTURBED AREAS AND STRUCTURAL CONTROLS EVERY 14 DAYS OR WITHIN 24 HOURS OF A STORM EVENT. A REPORT SUMMARIZING INSPECTION AND ANY MAINTENANCE TAKEN SHALL BE FILLED OUT AND FORWARDED TO DESCRIPTION OF THE PROVIDED OF THE PROPERTY OF THE P
- ALL COMPLETED INSPECTION REPORTS ARE TO BE KEPT WITH THE SWPP PLAN IN THE CONTRACTOR'S, DEVELOPER'S & OWNER'S FILES.
- 12. HOUSE CONTRACTORS TO PROVIDE PERMANENT SOIL STABILIZATION OF ROUSE CONTRACTORS TO PROVIDE PERMETERS AND TO FOLLOW THE LOUISIANA WATER DISCHARGE PERMIT FOR THEIR PHASE OF CONSTRUCTION ACTIVITIES.
- 13. THE CONTRACTOR IN CHARGE OF EROSION CONTROL SHALL BE RESPONSIBLE FOR SWEEPING ACCUMULATED SILT, MUD, SOIL, DEBRIS AND LITTER AT END OF EACH CONSTRUCTION DAY.
- LITTER, CONSTRUCTION DEBRIS, AND CONSTRUCTION CHEMICALS SHALL BE PREVENTED FROM BECOMING A POLLUTANT SOURCE FOR STORM

- 15. THE CONTRACTOR IN CHARGE OF EROSION CONTROL MUST ASSURE THAT ADJACENT ROADWAYS AND SHOULDERS ARE OPENED AND MAINTAINED FOR SAFE TRAVEL. IMMEDIATE ACTION SHOULD BE TAKEN TO REMOVE DEBAIS, MUST, EXCESS CONSTRUCTION WATER AND ANY OTHER UNSAFE ITEMS FROM THE ROADWAYS, SHOULDERS AND / OR NEARRY CONSTRUCTION STEES, FAILURE OF COMPLY MAY RESULT IN CITY / OWNER CLEANING UP AND THE COST BEING SUBTRACTED FROM THE CONTRACT.
- 16. THE CONTRACTOR SHALL USE QUALIFIED PERSONNEL TO INSPECT DISTURBED AREAS OF THE CONSTRUCTION STEE THAT HAVE NOT BEEN FINALLY STABILIZED, AREAS USED FOR STORAGE OF MATERIALS THAT ARE EXPOSED TO PRECIPITATION, STRUCTURAL CONTROL MEASURES, AND LOCATIONS WHERE EVHICLES ENTER OR EXIT THE STIFE AT LEAST. ONCE EVERY 14 CALENDAR DAYS, BEFORE SIGNIFICANT STORM EVENTS, AND WITHIN 24 HOURS OF THE END OF A STORM EVENT OF 0.5 INCHES
- GENERAL CONTRACTOR TO PROVIDE DUMPSTERS OR OTHER CITY APPROVED WASTE DISPOSAL PRACTICES DURING CONSTRUCTION.
- 18. NO CRITICAL HABITATS FOR THREATENED OR ENDANGERED SPECIES ARE FOUND IN PROXIMITY. NO HISTORIC PROPERTIES HAVE BEEN IDENTIFIED IN THE CONSTRUCTION ACTIVITY AREA OR STORM WATER DISCHARGE BATH.
- A COPY OF THE SWPPP SHALL BE KEPT ON THE JOB UNTIL FINAL VEGETATION, STABILIZATION, AND CONSTRUCTION IS COMPLETE.
- 20. PERMITTEE SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THE ABOVE WORKING ON THIS PROJECT WITH REGARDS TO ALL STORM WATER

## GENERAL NOTES:

- CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO BEG CONTRACTOR TO LOCATE ALL UTILITIES PRIOR TO BEGINNING CONSTRUCTION. THE ENGINEER J SURVEYOR DOES NOT GUARANTEE THAT THE UNDERGROUND UTILITIES OR ALL UTILITY SENTTUDES AFFECTING THIS TRACT ARE SHOWN IN THEE REACT LOCATION. THEY HAVE BEEN LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATIO PROVIDED BY ONE CALL OR THE LOCAL UTILITY COMPANY. LOUISIANA ONE CALL SIL OR THE LOCAL UTILITY COMPANY. LOUISIANA ONE CALL SIL OR THE LOCAL UTILITY COMPANY.
- CONTRACTOR SHALL INSTALL SILT FENCES, HAY BALES AND NECESSARY STORM WATER CONTROL MEASURES DURING CONSTRUCTION AS REQUIRED BY THE CITY.
- CONTRACTOR(S) SHALL KEEP EXISTING PAVING CLEAN OF MUD AND OTHER CONSTRUCTION DEBRIS.
- ALL TRENCH EXCAVATION SHALL BE PERFORMED IN STRICT CORDANCE WITH OSHA REGULATIONS AND APPLICABLE LOCAL CODES
- CONTRACTOR SHALL FIELD VERIFY ALIGNMENT AND GRADE OF ALL PAVING, DRAINAGE PIPES AND PROPOSED MAINS. CONFLICTS, DISCREPANCIES OR IRRECURANTIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER. FAILURE TO DO SO MAY RESULT IN ADDITIONAL COSTS TO THE CONTRACTOR FOR REMOVAL, REPLACEMENT, OR REVISIONS TO ITEMS INSTALLED WITHOUT

- CONTRACTOR SHALL COORDINATE AND PROVIDE FOR ALL SAFEGUARDS. SAFETY DEVICES AND REQUIRED JOB SITE SAFETY REGULATIONS AS
- MATERIALS AND CONSTRUCTION SHALL BE IN STRICT COMPLIANCE WITH LOCAL SPECIFICATION STANDARDS AND/OR LOCAL BUILDING CODES.
- 9 CONTRACTOR SHALL COORDINATE WITH CITY AND LOCAL UTILITY COMPANIES FOR TYING INTO EXISTING MAINS. ALL UTILITY SERVICES SHALL BE INSTALLED PER CITY CODE AND GOVERNING UTILITY CODE.
- 10. ALL DISTURBED EARTH TO RECEIVE SLAB SOD UNLESS OTHERWISE DIRECTED BY OWNER/ENGINEER. POSITIVE DRAINAGE SHOULD BE MAINTAINED AT ALL TIMES.
- 11. MAXIMUM SLOPE IN ANY DIRECTION IN HANDICAP SPACES TO BE 2%.
- 12. ALL EXITS MUST HAVE A MINIMUM 5' x 5' LEVEL LANDING
- 13. MAX. CROSS-SLOPE OF ALL SIDEWALKS = 2%
- 14. SIDEWALKS TO HAVE A MAXIMUM RISE ALONG PATH OF TRAVEL NOT TO EXCEED 1:20.
- 15. MAXIMUM SLOPE OF CURB RAMPS NOT TO EXCEED 1:12.

REVISIONS BY

Youree Louisiana PLAN DRAINAGE F **3est Yet Y**C Best Yet Shreveport, L



Civil & Structural Engineering, Surveying, Planning

4913 Shed Road Bossier City, LA 711

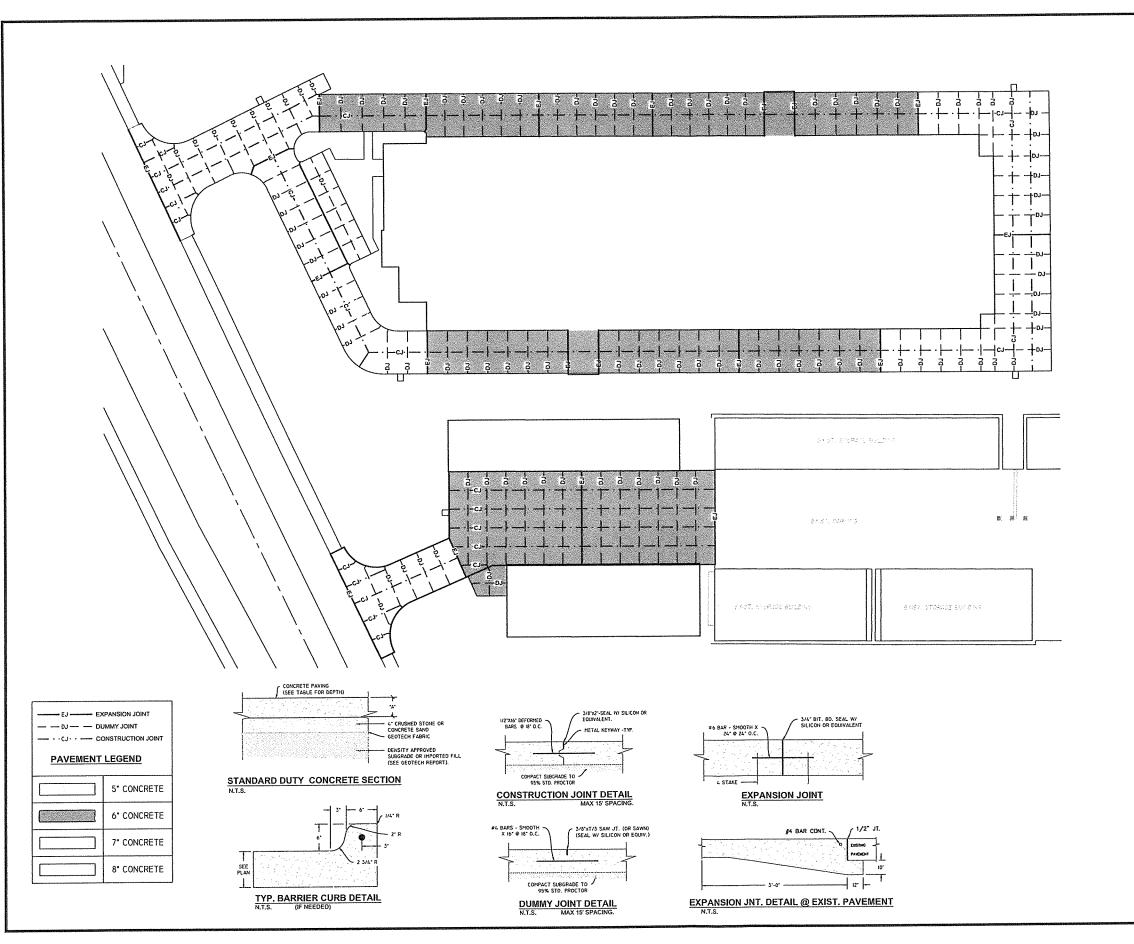
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# NOTES:

- 1. VERIFY ALL BUILDING DIMENSIONS WITH CURRENT ARCHITECTURAL PLANS.
- 2. PAVING, PARKING, DRIVES & DIMENSIONS PROVIDED BY OTHERS.

## PAVING NOTES:

- ). THE SITE SHALL BE STRIPPED OF ALL VEGETATION PRIOR TO FILL OR CONSTRUCTION.
- 2. ALL SELECT FILL SHALL BE 8-16 P.I. AND LIQUID LIMIT LESS THAN 35 AND CLASSIFIED AS LEAN SANDY CLAY OR CLAYEY SAND WITH NO MORE THAN 190% PASSING THE MO. 200 SIEVE. WITH A COMPACTION TEST RUN ON EACH 8" LIFT. I TEST / 5000 5F COMPACTED TO 95% STD. PROCTOR. ALL TEST RESULTS HUST BE PROVIDED TO PROJECT ENGINEER FOR REVIEW.
- 3. ANY SOFT AREAS (TREE STUMP HOLES, ETC.) SHALL BE CUT OUT AND RECOMPACTED TO SAID PROCTOR. CONTRACTOR SHALL PROOF-ROLL SITE W/ A HEAVILY LOADED PNEUMATIC. FIRED DUMP TRUCK (20-25 TONS). SOILS WHICH RUT OR DEFLECT EXCESSIVELY SHALL BE UNDERCUT AND REPLACED W/ PROPERLY COMPACTED STRUCTURAL FILL PER THE GEOTECH REPORT.
- 4. THE CONTRACTOR SHALL KEEP THE SITE SO IT WILL HAVE POSITIVE DRAINAGE AT ALL TIMES.
- 5. ALL EXCAVATION SHALL BE FREE OF ALL WATER BEFORE PLACING CONCRETE.
- 6. ALL STEEL BARS SHALL BE GRADE 60 STEEL. NUMBER 3 BARS MAY BE GRADE 40.
- 7. CLEAR DIMENSIONS FOR STEEL: STEEL AGAINST EARTH SHALL BE 3", STEEL AGAINST FORM 1 1/2".
- 8. ALL WIRE AND BARS SHALL BE SECURED PROPERLY BEFORE PLACING CONCRETE.
- 9. ALL CONCRETE SHALL HAVE A 4000 PSI COMPRESSIVE STRENGTH AT 28 DAYS W/ 600 PSI FLEXURAL STRENGTH.
- 10. CHAMFER ALL EXPOSED CONCRETE EDGES.
- II. MAXIMUM SLUMP SHALL BE 5".
- 12. SUBMIT DESIGN MIX FOR APPROVAL PRIOR TO BEGINNING CONSTRUCTION.
- IS. ALL AGGREGATE BASE COURSE (IF USED) SHALL MEET THE LATEST LADOT REQUIREMENTS. THE AGGREGATE BASE SHALL BE COMPACTED TO 95% STANDARD PROCTOR (ASTM D698) AT OR NEAR OPTIMUM MOISTURE CONTENT.
- 14. THE AGGREGATE BASE COURSE (IF USED) SHALL EXTEND BEYOND THE BACK OF CURB AT LEAST 6".
- IS. SAW CUT JOINTS IN PAVEMENT WITHIN 4-7 HOURS AFTER PLACING AND STRIKING OFF PAVEMENT, OR SOORER IF CONCRETE ALLOWS WITHOUT EXCESS RAVELING ALONG THE CUT. <u>PO NOT POUR ONE DAY AND SAW THE NEXT.</u>
- 16. BRING SAW CUT JOINTS THRU THE BARRIER CURB.
- 17. DIRECT RUNOFF AWAY FROM PAVEMENT.



PAVING PLAN

Best Yet Youree

Shreveport, Louisiana



Engineering, Surveying, Planning & Consulting

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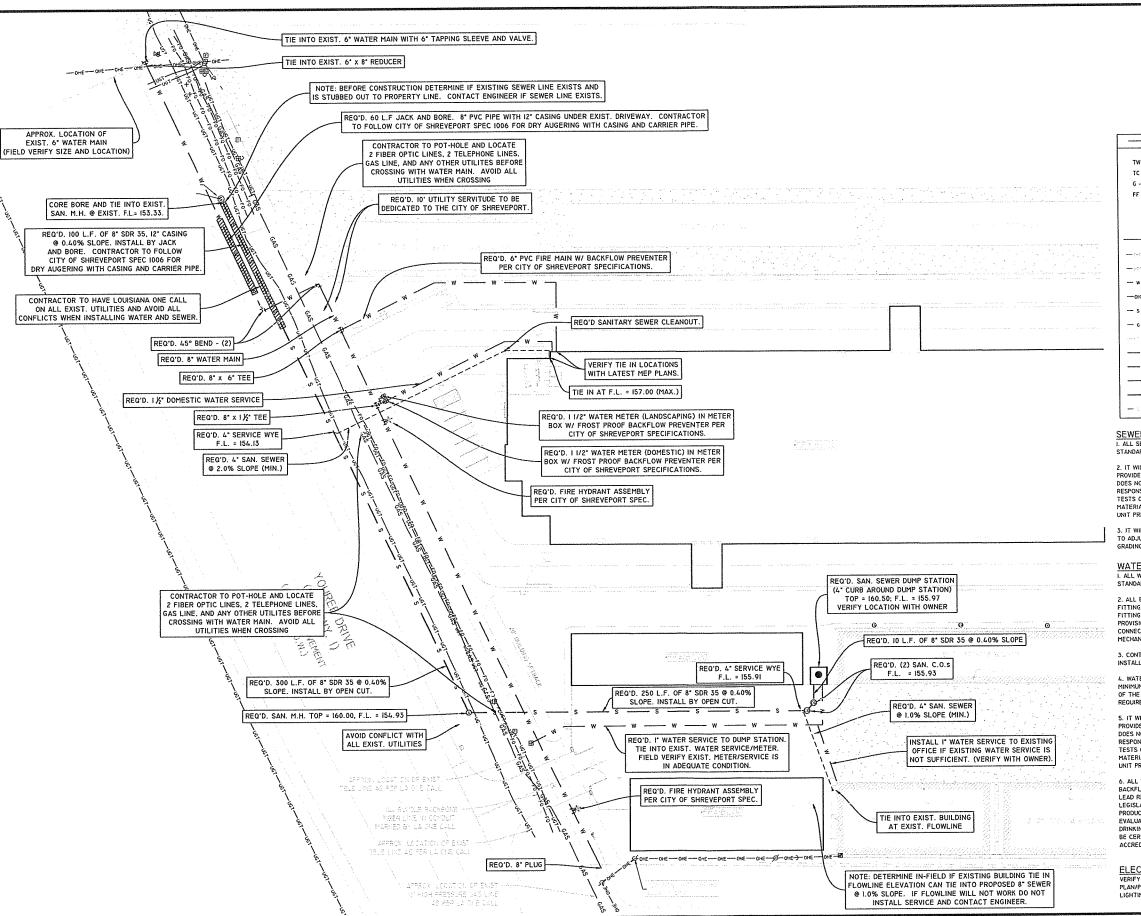
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www.raleyandassociates.com 04/11/2018



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- LEGEND -

BENCH MARK TW - TOP OF WALL POWER POLE TC - TOP OF CURB G - GUTTER GUY ANCHOR FF - FINISHED FLOOR (S) SAN, SEWER M.H -O-FIRE HYDRANT # WATER METER - ced -- cus -- EXIST, OVERHEAD TELE LINE - 103 - 103 - EXIST, UNDERGROUND TELE LINE - w -- w -- EXIST, WATER LINE - 5 - 5 - EXIST, SEWER LINE — 6 — 6 — EXIST, GAS LINE EXIST. FIBER OPTIC LINE ---- LIGE ----- PROPOSED UNDERGROUND ELEC. LINE --- OHE --- PROPOSED OVERHEAD ELEC. LINE ---- w ----- PROPOSED WATER LINE --- s ---- PROPOSED SEWER LINE - EXIST. FENCE

SEWER NOTES:

I. ALL SEWER MAINS SHALL CONFORM TO ASTM D-3034 SDR-35 STANDARDS FOR PVC BELL AND SPIGOT PIPE.

2. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE SELECT MATERIAL FOR BACKFILL IF EXISTING MATERIAL DOES NOT MEET MINIMUM STANDARDS. IT WILL ALSO BE THE DOES NOT MEET INMITION STANDARDS. IN MICE ALSO BE THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE COMPACTION TESTS OF BACKFILL AT CROSSINGS. THE COST OF SELECT MATERIAL AND COMPACTION TESTS SHALL BE INCLUDED IN THE UNIT PRICES.

3. IT WILL BE THE RESPONSIBILITY OF THE UTILITY CONTRACTOR TO ADJUST THE TOP OF ALL CLEANOUTS TO GRADE AFTER FINISH GRADING HAS BEEN COMPLETED BY THE BUILDING CONTRACTOR.

WATER:

I. ALL WATER MAINS SHALL CONFORM TO AWWA C900 DR-18
STANDARDS FOR PVC BELL AND SPIGOT PIPE.

2. ALL BENDS AND TIE-INS SHALL REQUIRE MECHANICAL RESTRAI FITTINGS AND CONCRETE THRUST BLOCKS. ALL BENDS AND FITTINGS SHALL BE DUCTILE IRON IN ACCORDANCE WITH PROVISIONS OF AWWA CI53. ALL IN-LINE VALVES, EITHER CONNECTING TO FITTINGS AND/OR PIPE, SHALL BE INSTALLED WIT

3. CONTRACTORS SHALL ASSURE THAT WATER MAINS ARE INSTALLED WITH A MINIMUM OF 4'-0" OF GROUND COVER

4. WATER MAINS CROSSING SEWERS SHALL BE LAID TO PROVIDE A MINIMUM VERTICAL DISTANCE OF 24 INCHES BETWEEN THE OUTSIDE OF THE WATER MAIN AND THE OUTSIDE OF THE SEWER MAIN. REQUIRED HORIZONTAL CLEARANCE IS MINIMUM IO FEET.

5. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO 5. IT WILL BE THE RESTORAIGHT OF THE CONTRACTORY
PROVIDE SELECT MATERIAL FOR BACKFILL IF EXISTING MATERIAL
DOES NOT MEET MINIMUM STANDARDS. IT WILL ALSO BE THE
RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE COMPACTION
TESTS OF BACKFILL AT CROSSINGS. THE COST OF SELECT MATERIAL AND COMPACTION TESTS SHALL BE INCLUDED IN THE

6. ALL WATER MAINS, PIPES, FITTINGS, JOINTS, VALVES AND 6. ALL WATER MAINS, PIPES, THI TINOS, JOINIS, VALVES ABULED BACKFLOW PREVENTERS SHALL MEET OR EXCEED THE REDUCED LEAD REQUIREMENT OF ACT 362 AS ENACTED BY THE LOUISIANA LEGISLATURE EFFECTIVE JANUARY I, 2013. ALL APPLICABLE PRODUCTS AND MATERIALS THAT JOIN OR SEAL PIPES SHALL BE EVALUATED AND LISTED AS CONFORMING WITH NSF/ANSI 372 RINKING WATER SYSTEM COMPONENTS, LEAD CONTENT OR SHALL BE CERTIFIED TO BE LEAD FREE BY AN INDEPENDENT ANSI
ACCREDITED THIRD PARTY TESTING LAB.

ELECTRIC:
VERIFY ALL LIGHTING/ELECTRIC WITH ARCHITECT/OWNER/LIGHTIN PLAN/POWER COMPANY PRIOR TO CONSTRUCTION. PARKING LIGHTING IS LOCATED ON BUILDING, SEE ELECTRICAL PLAN.

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PROPOSED UTILITY PLAN **Best Yet Youree**Shreveport, Louisiana

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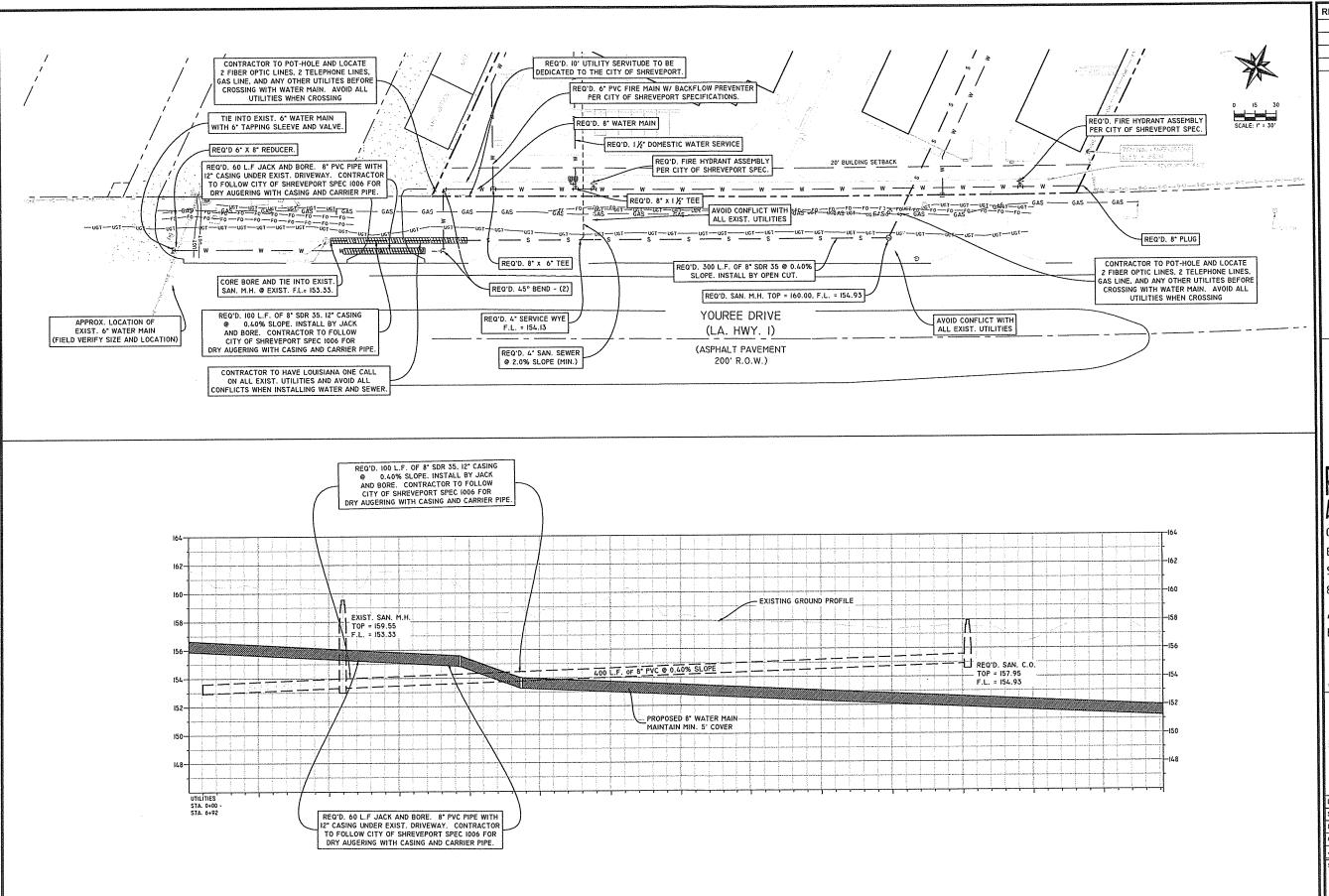
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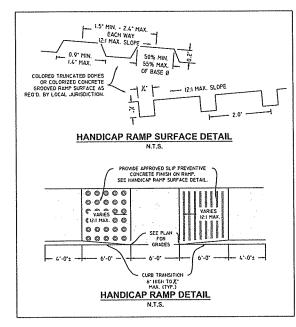
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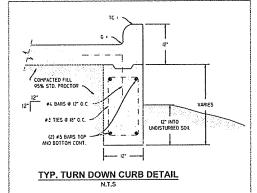
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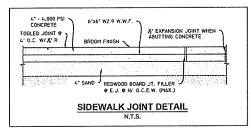


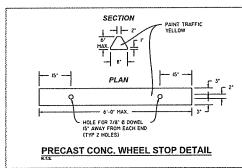
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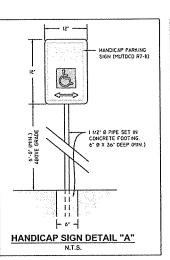
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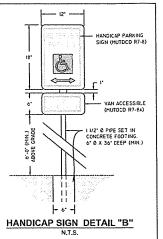


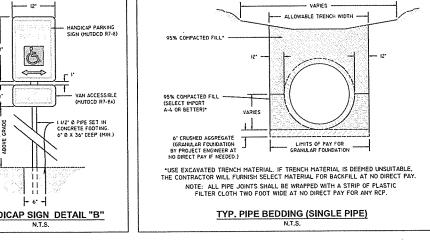


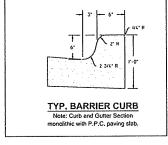


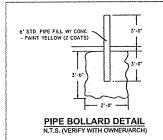


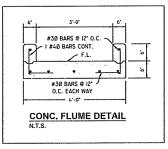












# Stormwater Detention Worksheet 25-Year Frequency Storm For Sizes Greater Than 1/2 Acre Cityarde)

Best Yet Youree (North Pond)

6,525

ADDRESS:	rouree			
DRAINAGE BASIN		_ TOTAL AREA:	1.5	
CALCULATED BY:	Raley and As	sociates		
EXISTING CONDITIONS (	10 YR.)	PROPOSED C	ONOTTONS:	(25 YR.)
RUNOFF COEFFICIENT (4.):	0.35	PLANOFF CORFFICIE	NT (c.):	0.90
TIME OF CONCENTRATION (Science)	35.00	THE OF CONCENTRA	TICOL (Viz. min)	15.00
RAINFALL INTENSITY (Lands)	4,60	RANGALL MIENSID	(B)(Asis	6.00
AREA (A.acres)	1.50	AREA (A. BOME)		1.50
DISCHARGE (O.chs)	2.42	DISCHARCE (C.ok).	_	8.1G
MAXIMUM PERMISSIELE RELEASE	PATE (D_=C existing)		2.42	

REGU	<b>IRF</b> O	STO	STA	VATER	VOI	UME

		Pask Forcett	Storm Range	Release Fate	1
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REQUIRED STORAGE VOLUME (MAX. S.). Re =

PROPOSED PROJECT:

PROPOSED PROJECT:	Best Yet Youree (South	Pond)
ADDRESS:	Youree	
DRAINAGE BASIN	TOTAL AREA:	3.2
CALCULATED BY:	Raiey and Associates	

Stormwater Detention Worksheet

25-Year Frequency Storm Fa Sies Gester Ban 10 Acre Ocymbe

EXISTING CONDITIONS.	10 YR.)	PROPOSED CONDITIONS:	(25 YR.
RUNIOFF COEFFICIENT (c.)	0.35	PLANOFF COEFFECIENT (c.)	0.90
TRUE OF CONCENTRATION (No. min)	35.00	THE OF CONCENTRATION (NUMBER)	15.00
RAINFALL INTENSITY (Limital)	4,60	RAPIFALL INTERSITY (Limits)	6.00
AREA (A.acres):	3.20	AREA (Aucues)	3.20
DISCHARGE (C.ds):	5.15	DESCHARGE (Q.cls):	17.28
DISCHARGE (C.ds):		DESCHARGE (Q.ds):	

REQUIRED STORMWATER VOLUME

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REQUIRED STORAGE VOLUME (MAX. S.): R. =

REVISIONS BY

SITE DETAILS

Best Yet Youree

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04/11/2018



DATE: 11/30/17 SCALE: AS SHOWN NDV DRAWN: CHECKED: MK 16379

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# STANDARD FOR LAND GRADING

### DEFINITION

RESHAPING OF THE EXISTING TOPOGRAPHY IN ACCORDANCE WITH A PLAN AS DETERMINED BY ENGINEERING SURVEYS. DESIGN & LAYOU

#### PURPOSE

LAND GRADING IS USED FOR ONE OR MORE OF THE FOLLOWING PLAPOSES: PROVIDE MORE SUITABLE SITES FOR BUILDING, FACILITIES, AND OTHER LAND USES; IMPROVE SURFACE DRAINAGE AND CONTROL EROSION.

THE LAND GRADING PLAN AND INSTALLATION SMALL BE BASED UPON ADEQUATE SURVEYS AND INVESTIGATIONS. THE PROPOSED LAND LISE AND GRADING PLAN SHOULD FIT AND UTILIZE EXISTING TOPCORAPTY AND NATURAL SURPOUNDING AND HAVE EXTREME GRADE MODIFICATIONS INNECESSIFY. THE PLAN IS TO SHOW THE LOCATION, SLOPE, CLUT, FILL AND FINSH ELEVATION OF THE SURFACES TO BE GRADED AND THE AUXILIARY PRACTICES FOR SAFE DISPOSAL OF RUNOFF WATER, SLOPE STABILIZATION, EROSION CONTROL, AND DRAINAGE SUCH AS WATERWAYS, LINED CHANNELS, DEVERSIONS, GRADE STABILIZATION STRUCTURES, RETAINING WALLS, AND SURFACE AND SUBSURFACE DRAINS.

THE GRADING PLAN SHALL BE IN ACCORDANCE WITH THE FOLLOWING

#### DESIGN CRITERIA

- THE CUT FACE OF EARTH EXCAVATION WHICH IS TO BE VEGETATED SLOPES OF MATERIALS NOT TO BE VEGETATED SHALL BE AT THE SAFE ANGLE OF REPOSE FOR THE MATERIALS ENCOUNTERED. UNVEGETATED CUT SLOPES SHALL BE PROTECTED BY HECHANICAL TREATMENT TO PROTECT THEM FROM EROSION.
- 2. THE PERMANENT EXPOSED FACES OF FILLS SHALL BE NO STEEPER THAN 3 HORIZONTAL TO 1 VERTICAL
- PROVISIONS ARE TO BE MADE TO SAFELY CONDUCT SURFACE WATER TO STORM DRAINS OR SUITABLE NATURAL WATER COURSES AND TO PREVENT SURFACE RUNOFF FROM DAMAGING CUT FACES AND FILL SLOPES.
- SUBSURFACE DRAINAGE IS TO BE PROVIDED IN AREAS HAVING HIGH WATER TABLE OR SEEPAGE CONDITIONS THAT WOULD AFFECT SLOPE STABILITY, BUILDING FOUNDATIONS, CREATE UNDESIRABLE WETNESS.
- EXCAVATIONS SHALL NOT BE MADE SO CLOSE TO PROPERTY LINES AS TO ENDANGER ADJOINING PROPERTY WITHOUT SUPPORTING AND PROTECTING SUCH PROPERTY FROM EROSION, SLIDING, SETTLING, OR CRACKING.
- NO FILL IS TO BE PLACED WHERE IT WILL SLIDE, OR WASH UPON THE PREMISES OF ANOTHER OR SO PLACED ADJACENT TO THE BANK OF A CHANNEL AS TO CREATE BANK FAILURE OR REDUCE THE NATURAL CAPACITY
   OF THE STREAM.
- 8. FILLS ARE TO CONSIST OF MATERIAL FROM CUT AREAS, BORROW FITS, OR OTHER APPROVED SOURCES

#### **GENERAL NOTES**

- TIMBER, LOGS, BRUSH, RUBBISH, AND VEGETATIVE MATTER THAT WILL INTERFERE WITH THE GRADING OPERATION OR AFFECT THE PLANNED STABILITY OF FILL, AREAS SHALL BE REHOVED AND DISPOSED OF ACCORDING TO THE PLAN, AVIOD UNNECESSAID REPROVAL OF TREES AND VEGETATION THAT COLUB BE LEFT TO EMBANCE THE ATTRACTIVENESS OF THE DEVELOPMENT.
- TOP SOIL IS TO BE STRIPPED AND STOCKPILED IN AMOUNTS NECESSARY TO COMPLETE FINISH GRADING OF ALL EXPOSED AREAS REQUIRING TOPSOIL FOR THE ESTABLISHMENT OF VEGETATION.
- ). FILL MATERIAL IS TO BE FREE OF BRUSH, RURBISH, ROCKS, LOGS, AND STUMPS IN AMOUNTS THAT WILL BE DETRIMENTAL TO CONSTRUCTING STABLE FILLS.
- CUT SLOPES WHICH ARE TO BE TOPSOILED WILL BE SCARIFIED TO A MINIMUM DEPTH OF 3 INCHES PRIOR TO PLACEMENT OF TOPSOIL.
- ALL FILLS INTENDED TO SUPPORT BUILDINGS, STRUCTURES, SEWERS AND CONDUITS SHOULD BE TESTED FOR STRENGTH AND THE FOUNDATIONS DESIGNED ACCORDINGLY. COMPACTION OF OTHER FILLS WILL BE AS REQUIRED TO REDUCE SLIPPING. EROSION, OR EXCESS SATURATION.
- . MAXIMUM THICKNESS OF LAYERS OF FILLS ARE NOT TO EXCEED 8 INCHES.
- ALL AREAS ARE TO BE ROUGH GRADED TO WITHIN 0.2 FOOT OF THE PLANNED ELEVATION AFTER ALLOWANCE HAS BEEN MADE FOR THICKNESS OF TOPSOIL, PAYING, OR OTHER INSTALLATIONS.
- 8. ALL DISTURBED AREAS SHALL BE LEFT IN A WELL DRAINED, NEAT, AND FINISHED APPEARANCE.

## STANDARDS FOR HAY BALE DIKE

# DEFINITION

CONSTRUCTED WITH HAY BALES WITH A LIFE EXPECTANCY OF 3 MONTHS OR LESS, INSTALLED ACROSS OR AT

A PURPOSE OF A HAY BALE DIKE IS TO INTERCEPT AND DETAIN SHALL AMOUNTS OF SIDEMENT FROM UNPROTECTED AREAS OF LIMITED EXTENT.

## CONDITIONS WHERE PRACTICE APPLIES

- NU OTHER FRACTICE IS FEASIBLE, AND
  THERE IS NO CONCENTRATION OF WATER IN A CHANNEL OR OTHER DRAINAGE WAY ABOVE THE BARRIER AND
  EROSION WOULD OCCUR IN THE FORES THAN RILL EROSION, AND
  EROSION WOULD OCCUR IN THE FORES THAN RILL EROSION, AND
  EROSION WOULD OCCUR IN THE FORES THAN INDEED, AND THE LENGTH OF SLOPE ABOVE THE DIRE AND LESS THAN 100
  EVET THE BLACTICE MAY ALSO BE USED FOR ALONE, SINGLE FAMILY LOT IF THE SLOPE IS LESS THAN 15 PERCENT. THE
  CONTINUITIES ORANAGE AREA IN THIS INSTANCE SHALL BE LESS THAN I ACRE AND THE LENGTH OF SLOPE ABOVE THE DIRE
  SHALL BE LESS THAN 200 FEET.

A DESIGN IS NOT REQUIRED. ALL BALES SHALL BE PLACED ON THE CONTOUR AND SHALL BE EITHER WIRE BOUND OR NYLON STRING TIED. SEE STANDARD DRAWING FOR HAY BALE DIKE FOR DETAILS.

- ENLES SHALL BE PLACED IN A ROW WITH END TIGHTLY ABUITTING THE ADJACENT BALES.

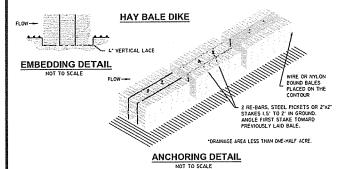
  2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A HIANTUM OF FOUR INCHES, WHERE POSSIBLE.

  3. BALES SHALL BE SEXULEFLY ANCHORDE IN PLACE BY STAKES OR REBANS PORIEVEN THROUGH THE BALES. THE FIRST STAKE IN EACH BALE SHALL BE ANGLED TOWARD PREVIOUSLY LAID BALE TO FORCE BALE TOGETHER.

  4. INSPECTION INALL BE FORCEDIENT AND REPAIR OR REPLACEHENT SHALL BE MADE PROMPTLY AS NEEDED BY CONTRACTOR.

  5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFILINESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR

- ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES.



## STANDARDS FOR SEDIMENT TRAP

### DEFINITION

A SMALL TEMPORARY PONDING AREA FORMED BY CONSTRUCTING AN EARTHEN EMBANKMENT TO INTERCEPT SEDIMENT-LADEN RUNOFF AND TO TRAP AND RETAIN SEDIMENT.

#### **PURPOSE**

TO DETAIN SEDIMENT-LADEN RUNOFF FROM SMALL DISTURBED AREAS LONG ENOUGH TO ALLOW THE MAJORIRY OF THE SEDIMENT TO SETTLE OUT.

## CONDITIONS WHERE PRACTICE APPLIES

INSTALLED AT POINTS OF DISCHARGE FROM DISTURBED AREA FOR A MAXIMUM PERIOD OF 10 MONTHS.

IF ANY OF THE DESIGN CRITERIA PRESENTED HERE CAN NOT BE MET SEE STANDARDS FOR SEDIMENT RASIN

DRAINAGE AREA - SHALL BE LESS THAN 5 ACRES.

- LAYOUT SHALL BE LOCATED TO MAXIMIZE STORAGE BENEFIT FROM TERRAIN, FOR EASE OF CONSTRUCTION.
- SIZE THE VOLUME OF THE TRAP MEASURED BELOW THE CREST OF THE OUTLET SHALL BE AT LEAST 1000 CUBIC FEET PER ACRE OF DRAINAGE AREA.
- CLEANOUT SEDIMENT SHALL BE REMOVED AND THE TRAP RESTORED TO ITS ORIGINAL CAPACITY
  THE SEDIMENT HAS ACCUMILATED TO ONE HALF OF THE DESIGN VOLUME OR I FOOT,
  WHICHEVER IS LESS.
- EMBANKMENT THE EMBANKMENT SHALL HAVE A 3 FOOT TOP WIDTH. SIDE SLOPES OF 2:1 OR FLATTER, AND SHALL NOT EXCEED 5 FEET IN HEIGHT AS HEASURED AT THE LOW POINT OF THE ORIGINAL GROUND INEE, FILL MATERIAL SHALL BE FREE OF WOOD YEGETATION, LARGE STONES, AND OTHER OBJECTIONABLE MATERIAL. THE EMBANKMENT SHALL BE COMPACTED IN EIGHT-INCH LAYERS BY TRAVERSHOW WITH CONSTRUCTION COUNTPMENT.

EXCAVATION - ANY EXCAVATED PORTION OF SEDIMENT TRAP SHALL HAVE 2.1 OR FLATTER SLOFES.

CARE SHALL BE TAKEN TO MINIMIZE EROSION AND WATER FOLLUTION DURING EXCAVATION
OPERATIONS.

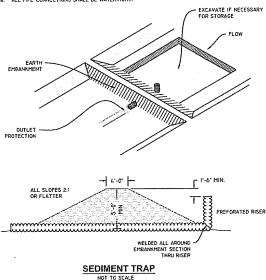
### OUTLET

- AREA UNDER EMBANMENT SHALL BE CLEARED. GRUBBED AND STRIPPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED. RISER DIAMETER SHALL BE ONE SIZE LARGER THEN THE PIPE. THE RISER BAULL BE WARPED WITH THREE LAYERS OF IZE-HILS THICK NON-MOVEN LLY RESISTANT FILTER CLOTH. THE PORTION OF THE RISER ABOVE THE PIPE CONNECTIONS SHALL BE PERFORATED WITH ONE IZ-NICH DIAMETER HOLE FER LO SOLARE INCHES OF SURFACE AREA. THE RISER CREST SHALL BE 1-1/2 FEET BELOW THE TOP OF THE EMBANKMENT.
- 2. UNLESS OTHERWISE SPECIFIED, PIPE SIZES SHALL BE SELECTED FROM THE FOLLOWING TABLE

PIPE DIAMETER D. (INCHES)	MAXIMUM DRAINAGE ARE (ACRES)
12	0.75
15	1,25
18 21	2.0
24	3.0
27	5.0

# **GENERAL NOTES**

- AREA UNDER EMBANKMENT SHALL BE CLEARED. GRUBBED AND STRIFPED OF ANY VEGETATION AND ROOT MAT. THE POOL AREA SHALL BE CLEARED.
- THE FILL MATERIAL FOR EMBANMENT SHALL BE FREE OF ROOTS OF OTHER WOODY VEGETATION, AS WELL AS STONES, ROCKS, ORGANIC MATERIAL, OR OTHER OBJECTIONABLE MATERIAL. THE EMBANMENT SHALL BE COMPACTED BY TRAVERSING WITH EQUIPMENT WHILE IT IS BEING CONSTRUCTED.
- SEDIMENT SHALL BE REMOVED AND TRAP RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCURULATED TO ONE-HALF THE DESIGN DEPTH OF THE TRAP OR I FOOT, WHICHEVER IS LESS. REMOVED SEDIMENT SHALL BE DEPOSITED IN AN APPROVED AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE.
- THE STRUCTURE SHALL BE INSPECTED AFTER EACH RAIN AND REPAIRS MADE AS NEEDED BY THE CONTRACTOR.
- 5. CONSTRUCTION OPERATIONS SHALL BE CARRIED OUT IN SUCH A MANNER THAT EROSION AND WATER
- THE STRUCTURE SHALL BE REMOVED AND AREA STABILIZED WHEN THE DRAINAGE AREA HAS BEEN PROPERLY STABILIZED.
- 7. ALL CUT AND FILL SLOPES SHALL BE 2:1 OR FLATTER.
- 8. ALL PIPE CONNECTIONS SHALL BE WATERTIGHT.



### STANDARDS FOR SILT FENCE

### DEFINITION

TEMPORARY BARRIER FENCE MADE OF BURLAP OF POLYPROPYLENE MATERIAL WHICH IS WATER PERMEABLE BUT WILL TRAP WATER - BORNE SEDIMENT.

### **PURPOSE**

TO INTERCEPT AND DETAIN WATER-BORNE SEDIMENT FROM UNPROTECTED AREA OF LIMITED EXTENT.

### CONDITIONS WHERE PRACTICE APPLIES

SILT FENCE IS USED DURING THE FERIOD OF CONSTRUCTION MEAR THE PERIMETER OF A DISTURBED AREA TO INTERCEPT SEDIMENT WHILE ALLOWING WATER TO PERCOLATE THROUGH, THIS FENCE SHALL REMAIN IMPLACE UNIT THE DISTURBED DARE IS PERMAMENTLY STABLEZED. SILT FENCE SHOULD NOT BE USED WHEPE THERE IS A CONCENTRATION OF WATER IN A CHANNEL OR OTHER DRAINAGE WAY.

## DESIGN CRITERIA

SILT FENCE SHALL NOT BE CONSTRUCTED OUTSIDE THE PROPERTY LINES WITHOUT OSTAINING EASEHENTS FROM THE AFFECTED PROPERTY COMMENS. A DESIGN IS NOT RECURRED FOR THE INSTALLATION OF SILT FENCE, HOWEVER THE FOLLOWING CRITERIA SHALL BE OBSERVED.

DRAINAGE AREA - 1 ESS THAN 2 ACRES.

HEIGHT - 36 INCH MINIMUM HEIGHT MEASURED FROM THE EXISTING OR GRADED GRIBIND

MATERIAL - BURLAP WEIGHING APPROXIMATELY 7-I/2 OUNCES FER SOUARE YARD OR APPROVED JUTE FABRIC OR GEOTEXTILE FABRIC.

SUPPORT - STEEL OF WOOD FENCE POSTS SPACED A MAXIMUM OF 8 FEET APART.

POST SHALL HAVE A MINIMUM LENGTH OF 5 FEET AND BE SET AT LEAST 18
INCH DEEP. WOVEH LIVESTOCK WIBE TO SUPPORT THE MATERIAL SHALL BE
AT LEAST 36 INCH HIGH WITH A MAXIMUM MESH OPENING OF 6 INCHES
AND FABRICALED FROM IL GAGE WIFE OR LARGEC

### OUTLET

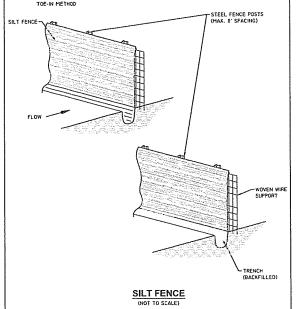
SILT FENCE SHALL SE PLACED AND CONSTRUCTED IN SUCH A MANER THAT RUNOFF FROM A DISTURBED OR EXPOSED UPLAND AREA SHALL BE INTERCEPTED. SEDMENT TRAFFED AND THE SURFACE RUNOFF ALLOWED TO PERCOLATE THROUGH THE STRUCTURE.

SILT FENCE SHALL BE PLACED IN SUCH A MANER THAT SURFACE RUNOFF WHICH PERCOLATES THROUGH WILL FLOW ONTO AN URDISTURED STABILIZED AREA OR STABILIZED OUTLET. IF PLACED IN SERIES. THE FURTHEREST DOWNSTREAM FENCE WILL FLOW ONTO AN UNDISTURED STABILIZED AREA OR STABILIZED OUTLET.

## GENERAL NOTES

- I. STEEL POSTS WHICH SUPPORT THE SILT FENCE SHALL BE INSTALLED ON A SLIGHT ANGLE TOWARD THE ANTICIPATED RUNOFF SOURCE.
- THE TOE OF THE SILT FENCE SHALL BE TRENCHED IN WITH A SPADE OR MECHANICAL TRENCHER, SO THAT THE DOWNSLOPE FACE OF THE TRENCH IS FLAT AND PERFEN-DICULAR TO THE LINE OF FLOW.
- 3. THE TRENCH SHOULD BE A MINIMUM OF 6 INCHES DEEP AND 3 4 INCHES WIDE TO ALLOW FOR THE SILT FENCE TO BE LAID IN THE GROUND AND BACKFILLED.
- 4. SILT FENCE SHOULD BE SECURELY FASTENED TO EACH STEEL SUFPORT POST OR TO WOVEN WIRE, WHICH IS IN TURN ATTACHED TO THE STEEL FENCE POSTS.
- 5. INSPECTION SHALL BE FRECENT AND REPAIR OR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
- 6. SILT FENCE SHALL BE REMOVED WHEN IT HAS SERVED ITS USEFULNESS, SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE. \*
- 8. ACCUMULATED SILT SHALL BE REMOVED WHEN IT REACHES A DEPTH OF 6 INCHES AND DISPOSED OF IN AN APPROVED SPOIL SITE OR AS IN NO.7 ABOVE.

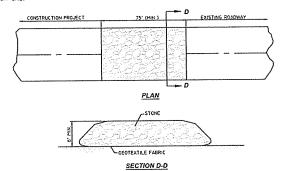
• TO BE REMOVED BY CONTRACTOR WHEN PERMANENT EROSION MEASURES ARE DEEMED TO BE EFFECTIVE.



# TEMPORARY STONE CONSTRUCTION ENTRANCE

PAY AS 'S - 11EM', TEMPORARY STONE CONSTRUCTION ENTRANCE. NOTES:TEMPORARY STONE CONSTRUCTION ENTRANCE AND/OR WASH RACK A STONE STABILIZED FAD LOCATED AT POINTS OF VEHICULAR INSPESS AND EGRESS ON THE CONSTRUCTION SITE TO REDUCE THE AMOUNT OF MICE TRANSPORTED ONTO PUBLIC RODALS. IF THE ACTION OF THE YEMPORTED OVER THE GRAVE FAD IS NOT SUFFICIENT TO REPORT OF THE MICE TRAVELING OVER THE GRAVE FAD IS NOT SUFFICIENT TO REPORT OF THE MICE TRAVELING FOR THE USE OF A STONE CONSTRUCTION ENTRANCE AND/OR WASH RACKS VEHICLE ENTRES A PUBLIC RODAL A FEW BASIC DESIGN GUIDELINES FOR THE USE OF A STONE CONSTRUCTION ENTRANCE AND/OR WASH RACKS

- I. THE STONE LAYER MUST BE AT LEAST 6 INCHES THICK.
- 2. THE STONE SHALL CONFORM TO SECTION 711(02)(CLASS 2LB) OF THE LA DOTD STANDARD SPECIFICATIONS
- 3. THE LENGTH OF THE PAD MUST BE AT LEAST 75 FEET AND IT MUST EXTEND THE FULL WIDTH OF THE VEHICULAR INGRESS AND EGRESS.
- C. A GEOTEXTILE FABRIC UNDERLINER IS REQUIRED. THE GEOTEXTILE FABRIC SHALL BE IN ACCORDANCE WITH SECTION 1819 (TYPE D) OF THE LA DOTD STANDARD SPECIFICATIONS.
- IF A WASH RACK IS NECESSARY, PROVISIONS MUST BE MADE TO INTERCEPT THE WASH WATER AND TRAP THE SEDIMENT BEFORE IT IS CARRIED OFF-SITE.



# STANDARDS FOR DIKES

## **DEFINITION**

A DIKE IS A TEMPORARY RIDGE OF COMPACTED SOIL. A DIVERSION DIKE IS PLACED IMMEDIATELY ABOVE CUT OR FILL SLOPES. AN INTERCEPTOR DIKE IS LOCATED ACROSS RIGHTO-WAY OR DISTURBED AREA. A PERIMETER DIKE IS PLACED ALONG THE PERIMETER OF THE DISTURBED AREA OR SITE.

# **PURPOSE**

A DIVERSION DIKE INTERCEPTS STORM RUNOFF FROM SMALL UPLAND AREAS AND DIRECTS IT FROM THE EXPOSED SLOPES TO AN ACCEPTABLE OUTLET. AN INTERCEPTOR DIKE SHORTERS THE LENGTH OF EXPOSED SLOPES BY INTERCEPTING STORM RUNOFF AND DIVERTING IT TO AN ACCEPTABLE OUTLET. A PERINETER DIKE PREVENTS OFFSITE STORM RUNOFF FROM ENTERING THE DISTURBED AREA OR PREVENTS SEDIMENT-LADEN WATER FROM LEAVING THE DISTURBED AREA.

## CONDITIONS WHERE PRACTICE APPLIES

DIKES ARE CONSTRUCTED ADJACENT TO OR ACROSS DISTURBED AREAS TO PREVENT EXCESSIVE EROSION OR TO TRANSPORT SEDIMENT-LADEN WATER TO A SEDIMENT TRASPING ENTECT. THE DIRES SHALL REMAIN IN PLACE UNTILL THE DISTURBED AREAS ARE FERMANENTLY STABILIZED.

# **DESIGN CRITERIA**

DIKES SHALL NOT BE CONSTRUCTED OR DISCHARGED OUTSIDE THE PROPERTY LINES WITHOUT OBTAINING EASEMENTS FROM THE AFFECTED PROPERTY OWNERS. A DETAILED DESIGN IS NOT REQUERED FOR DIKES, HOWEVER, THE FOLLOWING CRITERIA SHALL BE USED IN SELECTING SITES FOR PLACEMENT:

DRAINAGE AREA - LESS THAN 5 ACRES (FOR LARGE AREAS, SEE STANDARDS FOR DIVERSION).

HEIGHT - COMPACTED FILL SHALL BE 18 INCHES MINIMUM HEIGHT MEASURED FROM GROUND AT UPSLOPE TOE TO TOP OF THE

SIDE SLOPES - 2:1 OR FLATTER (FLAT ENOUGH TO ALLOW CONSTRUCTION TRAFFIC TO CROSS IF DESIRED).

GRADE - DEPENDENT UPON TOFOGRAFHY, BUT MUST HAVE POSITIVE DRAINAGE. INTERCEPTOR DIKE SHOULD BE BETWEEN 0.4 PERCENT AND 1.0 PERCENT. STABILIZATION - WHERE SLOPE OF CHANNEL (FLOW AREA) IS: 1% - 5% - STABILIZATION MAY BE REQUIRED DEPENDING ON THE SITE CONDITIONS. OVER 5% - SEE STANDARDS FOR DIVERSION.

SPACING - INTERCEPTOR DIKES SHALL BE PLACED SUCH THAT THE MAXIMUM VERTICAL DISTANCE BETWEEN DIKES IS 10 FEET

# OUTLET

I, RUNOFF FROM A PROTECTED OR STABILIZED AREA SHALL QUILET DIRECTLY ONTO AND UNDISTURBED STABILIZED AREA OR INTO A LEVEL SPREADER (SEE STANDARDS FOR LEVEL SPREADER) OR GRADE STABILIZATION STRUCTURE (SEE STANDARDS FOR GRADE STABILIZATION STRUCTURE).

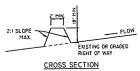
2. STRUCTURE THAT WILL CONTROL THE RUNOFF FROM DIKES SHALL BE INSTALLED AND STABILIZED BEFORE DIKES ARE INSTALLED.

# **GENERAL NOTES:**

I. ALL DIKES SHALL BE MACHINE COMPACTED

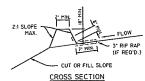
2. FIELD LOCATION MAY BE ADJUSTED AS NEEDED TO UTILIZE A STABILIZED SAFE OUTLET.

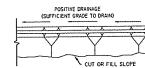
3. PERIODIC INSPECTION AND REGURED MAINTENANCE SHALL BE PROVIDED BY THE CONTRACTOR.



POSITIVE DRAINAGE (SUFFICIENT GRADE TO DRAIN) UPSLOPE TOE

> PLAN VIEW PERIMETER DIKE



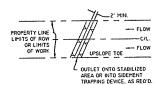


PLAN VIEW

**DIVERSION DIKE** 

(NOT TO SCALE)

- MIN 2:1 SLOPE V \_\_\_ FLOW EXISTING OR GRADED RIGHT OF WAY



CROSS SECTION

PLAN VIEW INTERCEPTOR DIKE



DETAIL uree CONTROL ō Yet est OSION **应** 页 ER



& Consulting 4913 Shed Road Bossier City, LA 7111

Surveying, Planning

Engineering,

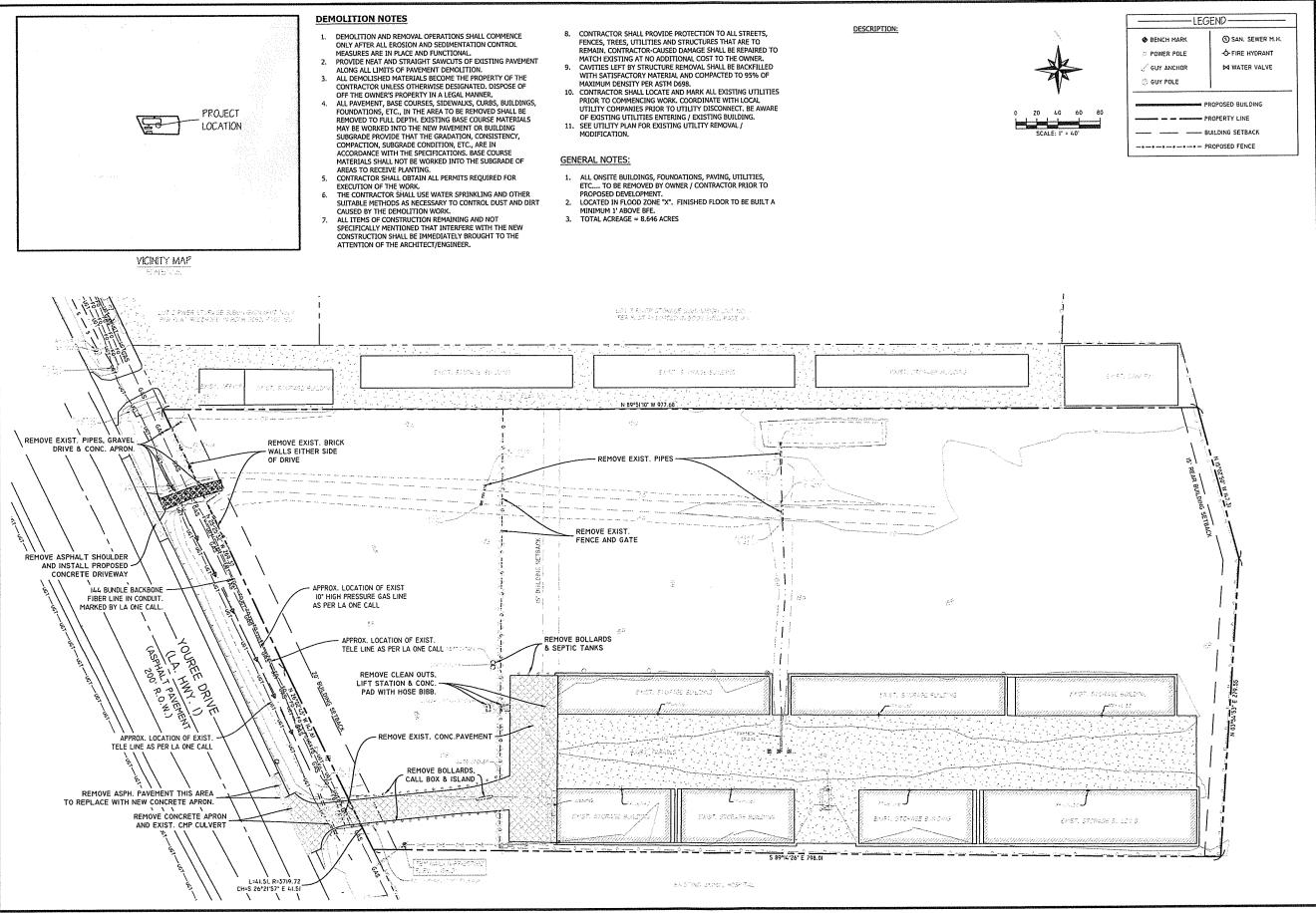
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04/11/2018



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CONDITIONS & DEMOLITION PLAN

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04/11/2018



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